



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#15/CAF  
12/30/02  
N.C.

Inventor : Novel Flow Cytometer

Inventor : Glenn Spaulding

Serial No : 09/550,276

Filed : Apr 15, 2000

Docket : 010-US-002

§ Examiner : Gailene Gabel

§ Phone : 703-305-0807

§ Art Unit : 9303 1641

RECEIVED

DEC 23 2002

TECH CENTER 1600/2900

Commissioner for Patents  
Box AF  
Washington, D.C. 20231

CERTIFICATE OF MAILING (37 C.F.R. 1.8)

The undersigned hereby certifies that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to the Commissioner for Patents, Box AF, Washington, DC 20231, on 12/12/02.

*Melissa K. Mosby*  
Melissa K. Mosby

REPLY TO FINAL OFFICE ACTION DATED NOVEMBER 12, 2002

Please amend the application as follows.

In the Claims

Amend claims 1, 10, 19, 23 and 26 as follows (a copy of this amendment indicating the requested changes in mark-up format is attached).

- Sub Di
- C1
1. (Amended Twice) A cytometer apparatus comprising:
    - a rotating means adapted to receive and rotate a transparent cylinder along a longitudinal axis of the transparent cylinder;
    - a light source adapted to illuminate at least a portion of said transparent cylinder while the transparent cylinder is being rotated by the rotating means;
    - a detector adapted to detect a light signal provided by said light source and reflected from said transparent cylinder while the transparent cylinder is being rotated by the rotating means;
    - determining means for determining at least one cytometric characteristic of a sample disposed in said transparent cylinder based on said light signal; and